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DEPT. OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gregory A. Demopoulos et al. Attorney Docket No.: CH.1.0018.US2

Application No.: 10/031,546

Group Art Unit: 1615

Filed: January 18, 2002

Examiner: Micah Paul Young

Title: SOLUTIONS AND METHODS FOR INHIBITION OF PAIN,  
INFLAMMATION AND CARTILAGE DEGRADATION

SUPPLEMENTAL RESPONSE TRANSMITTAL LETTER

Seattle, Washington 98101

February 3, 2006

TO THE COMMISSIONER FOR PATENTS:

A. Supplemental Response Transmittal

Transmitted herewith is a Supplemental Response in the above-identified application.

- X   1. No additional claim fee is required, as shown below.
2. The claim fee has been calculated as shown below.

COMPUTATION OF FEE FOR CLAIMS AS AMENDED

	Claims Remaining After Amendment		Highest Number Previously Paid For		Present Extra		Rate		Additional Fee
Total Claims	45	-	45	=	0	x	25	=	0
Independent Claims	4	-	4	=	0	x	100	=	0
Multiple Dependent Claim	0		0		0	+	180	=	0
TOTAL									\$0

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B. Fees Enclosed

☒ No fees are required at this time.

C. Small entity status is asserted for this matter.

D. Additional Fee Charges or Credit for Overpayment

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16, 1.17 and 1.18 which may be required during the entire pendency of the application, or credit any overpayment, to Deposit Account No. 50-2230. This authorization also hereby includes a request for any extensions of time of the appropriate length required upon the filing of any reply during the entire prosecution of this application. A copy of this document is enclosed.

Respectfully submitted,

OMEROS CORPORATION



Marcia S. Kelbon  
Registration No. 34,358  
Direct Dial No. 206.676-5020

I hereby certify that this correspondence is being deposited with the U.S. Postal Service in a sealed envelope as first class mail with postage thereon fully prepaid and addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below date.

2-3-06  
Date

STJ  
Stephanie Jansen

MSK:sj

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SUPPLEMENTAL RESPONSE

Seattle, Washington 98101

February 3, 2006

TO THE COMMISSIONER FOR PATENTS:

The following remarks are submitted to supplement the response filed January 3, 2006 to the Office Action mailed July 1, 2005 in the above-identified application. Applicants previously set forth remarks highlighting distinctions between the claimed invention and the cited art, and noting the absence of a *prima facie* case of obviousness. In addition, Applicant addressed data presented in several recent publications, submitted in a supplemental information disclosure statement (IDS) filed together with the response, that support the patentability of the claimed invention. These publications by Studer et al. (Reference numbers O01735, O01733, O01734) report the results of studies demonstrating the ability of certain catabolic inhibitory agents to potentially restore the ability of diseased chondrocytes to respond to anabolic growth factors.

While a prior publication by Blanco et al. (Reference O1752, submitted with a further supplemental IDS on January 25, 2006) reports the effects of a combination of TGF- $\beta$  and *N*-monomethyl-L-arginine (L-NMA) or indomethacin on the proliferation of chondrocytes exposed

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